

In the claims:

1. (Previously presented) A process for producing plastic panels which are provided on at least one side with integral undercut attachment(s), comprising
extruding a plastic material from a die, and
passing the plastic material through at least one roll nip,
wherein said roll nip is formed by two rolls,
wherein at least one of said rolls is provided with molds which correspond to the undercut attachment(s),
wherein the mold(s) are
filled with the plastic material, and
provided in molding/demolding strip(s) which are arranged over the circumference of said at least one roll and,
once the attachments have left the roll nip,
moving said molding/demolding strip(s) radially outward, and
non-destructively releasing plastic panel(s) provided on at least one side with at least one integral undercut attachment.
2. (Cancelled)
3. (Previously presented) The process as claimed in claim 1, wherein the radially outwardly moved molding/demolding strips are moved back into their starting position after demolding of the attachments produced in them.
4. (Previously presented) The process as claimed in claim 1, wherein the molds are arranged approximately half and half in molding/demolding strips adjacent to each other.
5. (Previously presented) The process as claimed in claim 1, wherein the plastic

panel is extruded in one or more layers.

6. (Previously presented) The process as claimed in claim 5, wherein the plastic panel is co-extruded with substrates made from a material other than the plastic panel.

7-18. (Cancelled)

19. (Previously presented) The process of claim 1, wherein the plastic panel is made from thermoplastic material.

20. (Previously presented) The process of claim 1, wherein the thermoplastic material is polyethylene, polypropylene, PVC, PVDF, ETFE or E-CTFE.

21. (Previously presented) The process of claim 1, wherein the longitudinal axis of the molding/demolding strips is substantially parallel to the axis of said at least one roll.

22. (Previously presented) The process of claim 1, wherein the mold is undercut cylindrically, with positive or negative taper, pyramid shaped or a combination thereof.

23. (Previously presented) The process of claim 1, wherein molding/demolding strips are radially moved hydraulically or pneumatically.

24. (Previously presented) The process of claim 1, wherein said at least one roll is temperature controlled.

25. (Previously presented) The process of claim 24, wherein said at least one roll comprises cooling devices that substantially cool the entire surface of said roll.

26. (Previously presented) The process of claim 25, wherein said cooling devices are

cooling bores.

27. (Previously presented) The process of claim 1, wherein said at least molding/demolding strips are removably installed.
28. (Previously presented) The process of claim 32, wherein the molds are arranged approximately half and half in molding/demolding strips adjacent to each other.
29. (Previously presented) The process of claim 32, wherein the plastic panel is extruded in one or more layers.
30. (Previously presented) The process of claim 32, wherein the plastic panel is made from thermoplastic material.
31. (Previously presented) The process of claim 6, wherein the substrates made from material other than the plastic panel is one or more metal plates, woven or nonwoven fabrics or combinations thereof.
32. (Currently amended) A process for producing plastic panel(s) which are provided on at least one side with integral undercut attachment(s), comprising
extruding the plastic from a die, and
passing the plastic through at least one substantially planar surface of a heated plate and a countersurface,
wherein said at least one substantially planar surface is provided with mold(s) which correspond to the undercut attachment(s),
wherein the mold(s) are
filled with the plastic material, and
provided in molding/demolding strip(s) which are arranged movably on said at least one substantially planar surface and,

once the attachments have passed from between the planar surface and the countersurface, and

non-destructively releasing plastic panel(s) provided on at least one side with at least one integral undercut attachment by moving said molding/demolding strips radially outward.